

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number
WO 2005/071917 A1

(51) International Patent Classification⁷: **H04L 29/06**

(21) International Application Number:
PCT/CN2005/000091

(22) International Filing Date: 21 January 2005 (21.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04100504.5 21 January 2004 (21.01.2004) HK

(71) Applicant (for all designated States except US): **DRAGONCHIP LIMITED** [CN/CN]; Unit 303-5, 3rd Floor, Innovation Centre, 6 Science Park West Avenue, New Territories, Hong Kong (CN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LAW, Fred Fu-Yiu** [CN/CN]; Unit 303-5, 3rd Floor, Innovation Centre, 6 Science Park West Avenue, New Territories, Hong Kong (CN).
YUNG, Eddie Chi-Kit [CN/CN]; Unit 303-5, 3rd Floor, Innovation Centre, 6 Science Park West Avenue, New Territories, Hong Kong (CN).

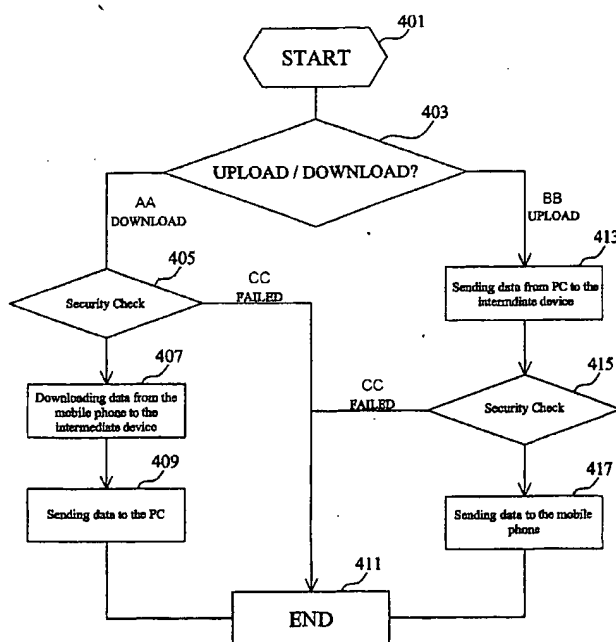
(74) Agent: **BEIJING SANYOU INTELLECTUAL PROPERTY AGENCY LTD.**; 16F, Block A, Corporate Square, No. 35 Jinrong Street, BEIJING 100032 (CN).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: **BI-DIRECTIONAL DATA TRANSFER BETWEEN A MOBILE PHONE AND A COMPUTING DEVICE**



(57) Abstract: A process for bi-directionally transferring data between a mobile phone and a computing device is provided. According to an exemplary embodiment of the present invention, a user may select between an uploading mode and a downloading mode. If the downloading mode is selected, a first data is firstly downloaded from the mobile phone to an intermediate device under a first master-slave protocol, where the intermediate device herein acts as a master device under the first master-slave protocol. Thereafter, the first data is further transmitted from the intermediate device to the computing device under a second master-slave protocol, where the intermediate device herein acts as a slave device under the second master-slave protocol. If the uploading mode is selected, a second data is firstly transmitted from the computing device to the intermediate device under the second master-slave protocol, where the intermediate device herein acts as a slave device under the second master-slave protocol. Then, the second data is uploaded from the intermediate device to the mobile under the first master-slave protocol, where the intermediate device herein acts as a master device under the first master-slave protocol.

WO 2005/071917 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.